

REMARKS

This application has been carefully reviewed in light of the Office Action dated February 10, 2005. Claims 1 to 6, 8 to 13 and 21 to 27 are in the application, of which Claims 1, 22, 24 and 26 are independent. Reconsideration and further examination are respectfully requested.

Claims 1 to 6 and 8 to 20 were again rejected under 35 U.S.C. § 101, despite the claims having been amended as recommended by the PTO itself, at MPEP § 2106. The rejection is respectfully traversed, since it is seen that the claims are clearly directed to statutory material of the nature of data structures stored on computer-readable storage media. As such, the claims clearly present statutory material pursuant to the Federal Circuit's holding in *In re Lowry*, 32 USPQ2d 1031, 1035 (Fed. Cir. 1994). See MPEP § 2106(IV)(B)(1)(a):

“In contrast, a claimed computer-readable medium encoded with a data structure defines structural and functional interrelationships between the data structure and the computer software and hardware components which permit the data structure's functionality to be realized, and is thus statutory.” (MPEP page 2100-13, emphasis added.)

Withdrawal of the § 101 rejection is therefore respectfully requested.

Claims 1 to 6 and 8 to 20 were rejected under 35 U.S.C. § 102(e) over U.S. Patent Application Publication No. 2002/0059337 (Takaoka). The rejection is respectfully traversed.

The invention concerns a structured document which includes page information text delimited by page-information element types each defining location in the

structured document for corresponding page-description text. By virtue of the location information, random access is provided to the plural pages of the structured document independent of parsing of all the plural pages of the structured document.

For example, in one representative embodiment of the invention described in the specification, it is ordinarily unnecessary to parse all of the plural pages of the structured document in order to locate just one of them. Prior art apparatuses are seen as providing mere serial access to plural pages of a structured document, wherein all of the pages of the structured document must be serially parsed in order to locate any one of them. Location information according to the invention allows random access to the plural pages of the structured document, independent of parsing of all of the plural pages thereof.

The applied Takaoka publication is not seen to disclose or to suggest at least the foregoing feature of the claimed invention. It is seen that the Office Action has equated Takaoka's PAGEINDEX portion to the claimed location information, but such a correspondence is not well founded. Specifically, Takaoka's PAGEINDEX portion refers to a page-bitmapped portion of an electronic source document. The Office Action reasoned that "since bitmap is known as a computer image consisting of an arrangement of bits, position of each page-bitmapped portion of the electronic source document inherently shows a byte-location in the XML-based document". Applicants respectfully disagree with this assertion. The bits of a bit map are fundamentally different than a location in a structured document. Bits of a bitmap do not contain information regarding a location. Most certainly, there is nothing in Takaoka's PAGEINDEX portion which defines a

location that provides random access to plural pages of a structured document independent of parsing of all of the plural pages thereof.

It is therefore respectfully submitted that the claims herein define subject matter that is not anticipated by anything in the Takaoka publication.

Claims 22 to 26 have been added, and are directed to rendering of vector graphic shapes of figures and text based on a structured document. Allowance of these claims is respectfully requested.

No other matters being raised, it is believed that the entire application is fully in condition for allowance, and such action is courteously solicited.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



Michael K. O'Neill
Attorney for Applicants
Michael K. O'Neill
Registration No. 32,622

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-2200
Facsimile: (212) 218-2200

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